

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L21   | 788  | (313/512).CCLS.   | US-PGPUB;<br>USPAT                                    | OR               | OFF     | 2005/03/14 11:00 |
| L22   | 788  | (313/512).CCLS.   | US-PGPUB;<br>USPAT                                    | OR               | OFF     | 2005/03/14 11:01 |
| L23   | 406  | 22 and organic  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/03/14 11:01 |
| L24   | 206  | 22 and organic  | USPAT   | OR               | ON      | 2005/03/14 11:01 |
| L25   | 10   | ("6210815").URPN.   | USPAT   | OR               | OFF     | 2005/03/14 11:33 |
| L26   | 3    | ("5356698"   "5909081"  <br>"5981092").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/03/14 11:33 |
| L27   | 14   | ("6111357").URPN.   | USPAT   | OR               | OFF     | 2005/03/14 11:51 |
| L28   | 1    | "6210815".pn.   | USPAT   | OR               | ON      | 2005/03/14 11:52 |
| L29   | 1    | 28 and display  | USPAT   | OR               | ON      | 2005/03/14 11:52 |
| L30   | 1    | 28 and (image display panel)  | USPAT   | OR               | ON      | 2005/03/14 11:52 |
| L31   | 1    | 28 and (image display panel<br>pixel\$4)  | USPAT   | OR               | ON      | 2005/03/14 12:08 |
| L32   | 2803 | (313/512,506).CCLS.   | US-PGPUB;<br>USPAT                                    | OR               | OFF     | 2005/03/14 12:10 |
| L33   | 1    | "20040036411".did.  | US-PGPUB;<br>USPAT                                    | OR               | OFF     | 2005/03/14 17:17 |
| L34   | 1    | 33 and buffer\$4  | US-PGPUB;<br>USPAT                                    | OR               | OFF     | 2005/03/14 12:09 |
| L35   | 1    | 33 and (passivat\$5 buffer<br>buffer\$5)  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/03/14 12:10 |
| L36   | 574  | 32 and (passivat\$5 buffer<br>buffer\$5)  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/03/14 15:47 |
| L37   | 2932 | (313/512,506).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | OFF     | 2005/03/14 12:10 |
| L38   | 574  | 37 and (passivat\$5 buffer<br>buffer\$5)  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/03/14 14:09 |
| L39   | 979  | 37 and (protect\$8) not I38   | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/03/14 14:11 |
| L40   | 552  | 37 and (protect\$8) adj (coat\$5<br>layer\$5 jacket\$5 film skin plating<br>plated sublayer sub adj layer<br>lamina\$5 overcoat\$4 monolayer\$4<br>sheet clad\$4) not I38 | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/03/14 14:11 |

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| L41 | 566   | 37 and (protect\$8) adj (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5 overcoat\$4 monolayer\$4 sheet clad\$4) not I38                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/03/14 14:13 |
| L42 | 492   | 37 and (protect\$8) adj (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5 overcoat\$4 monolayer\$4 sheet clad\$4) and (organic oled) not I38             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/03/14 14:14 |
| L43 | 2     | "20030230795".did.   | US-PGPUB;<br>USPAT;<br>DERWENT                        | OR | OFF | 2005/03/14 15:33 |
| L44 | 1     | 2004-141981.NRAN.  | DERWENT   | OR | OFF | 2005/03/14 15:33 |
| L45 | 2     | "20040160175".did.   | US-PGPUB;<br>USPAT;<br>DERWENT                        | OR | OFF | 2005/03/14 15:33 |
| L46 | 1     | 2003-300344.NRAN.  | DERWENT   | OR | OFF | 2005/03/14 15:34 |
| L47 | 1     | "20040036411".did.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/14 15:42 |
| L48 | 1     | 47 and buffer  | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/14 16:24 |
| L49 | 3     | 32 and (passivat\$5 buffer buffer\$5 protect\$8) near2 (rough\$5 concavo adj convex)   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/03/14 15:47 |
| L50 | 3     | 32 and (passivat\$5 buffer buffer\$5 protect\$8) near2 (emboss\$4 rough\$5 concavo adj convex)   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/03/14 15:47 |
| L51 | 1     | 47 and entire  | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/14 17:12 |
| L52 | 7     | tap adj bonding  | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/14 17:21 |
| L53 | 5     | tap adj bond   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/03/14 17:40 |
| L54 | 17176 | ( BOLED OLED OEL TOLED SOLED FOLED PLED (polymer organic) near2 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL ELD) OELD OED LESD).ab,ti,clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2005/03/14 17:41 |
| L55 | 3     | 54 and bond\$4 near2 tap   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/03/14 17:48 |

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| L56 | 0    | 54 and (round triangle squard<br>qwuadrangle polygonal circle)<br>near3 (passivat\$6 protect\$6<br>buffer\$6)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2005/03/14 18:14 |
| L57 | 1089 | (chang-near2 kim-yoon near2<br>joon).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2005/03/14 18:14 |
| L58 | 25   | 57 and buffer.clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2005/03/14 18:15 |
| L59 | 6    | 57 and buffer.clm. and organic.<br>clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2005/03/14 18:15 |
| L60 | 3    | 57 and buffer.clm. and organic.<br>clm. and entire.clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2005/03/14 18:16 |
| L61 | 2    | 57 and buffer.clm. and organic.<br>clm. and (round dot triangle<br>quadrangle polygon uneven).clm.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2005/03/14 18:18 |
| S1  | 671  | (313/512).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/08/03 18:47 |
| S2  | 28   | ((313/512).CCLS.) and (seal\$6)<br>with (silicon adj (oxide dioxide<br>nitride) "SiO" "SiO.sub.2" "SiN"<br>polyimide polyacryl)        | US-PGPUB;<br>USPAT  | OR | ON  | 2004/08/03 18:48 |
| S3  | 28   | ((313/512).CCLS.) and (seal\$6)<br>with (silicon adj (oxide dioxide<br>nitride) "SiO" "SiO.sub.2" "SiN"<br>polyimide polyacryl)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/08/03 18:49 |
| S4  | 37   | ((313/512).CCLS.) and (seal\$6)<br>with (silicon adj (oxide dioxide<br>nitride) "SiO" "SiO.sub.2" "SiN"<br>polyimide polyacryl silica) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/08/03 19:10 |

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| S5  | 2     | "6737176".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/04 15:36 |
| S6  | 1     | 2001-320895.NRAN.   | DERWENT   | OR | OFF | 2004/08/03 18:53 |
| S7  | 1     | 2001-320895.NRAN.   | DERWENT   | OR | OFF | 2004/08/03 18:54 |
| S8  | 2     | "6635989".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/03 19:04 |
| S9  | 1     | "6635989".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/08/03 19:04 |
| S10 | 1     | "6635989".pn. and (silicon nitride<br>SIN)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/08/03 19:06 |
| S11 | 37    | ((313/512).CCLS.) and (seal\$6)<br>with (silicon adj (oxide monoxide<br>dioxide nitride) "SiO" "SiO.sub.2"<br>"SiN" polyimide polyacryl silica)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/03 19:06 |
| S12 | 1     | "6635989".pn. and (silicon nitride<br>SIN) same ceramic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/08/03 19:08 |
| S13 | 1     | "6635989".pn. and (silicon nitride<br>SIN) same ceramic and "10"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/08/03 19:09 |
| S14 | 12259 | ( BOLED OLED OEL TOLED SOLED<br>FOLED organic near2 (EL adj<br>(apparatus device) light lamp<br>luminaire electroluminesc\$9<br>electro adj luminesc\$9 EL) OELD<br>OED LESD ).ab,ti,clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/08/03 19:10 |
| S15 | 96    | (( BOLED OLED OEL TOLED<br>SOLED FOLED organic near2 (EL<br>adj (apparatus device) light lamp<br>luminaire electroluminesc\$9<br>electro adj luminesc\$9 EL) OELD<br>OED LESD ).ab,ti,clm.) and<br>(seal\$6) with (silicon adj (oxide<br>nitride) "SiO" "SiN" polyimide<br>polyacryl) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/03 19:11 |

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| S16 | 12259 | ( BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/03 19:11 |
| S17 | 13836 | ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/03 19:11 |
| S18 | 107   | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.) and (seal\$6) with (silicon adj (oxide nitride) "SiO" "SiN" polyimide polyacryl)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/03 19:12 |
| S19 | 41    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.) and (seal\$6) with (silicon adj (oxide nitride) "SiO" "SiN" polyimide polyacryl) adj6 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 10:40 |
| S20 | 12    | ("4357557"   "5189405"   "5726531"   "5814935"   "5821692"   "5920080"   "5981092"   "5990615"   "6059860"   "6081071"   "6210815"   "6284342").PN.   | USPAT                                       | OR | OFF | 2004/08/04 10:29 |
| S21 | 9     | "6284342".URPN.   | USPAT                                       | OR | OFF | 2004/08/04 10:35 |
| S22 | 6     | ("5189405"   "6198220"   "6210815"   "6268695"   "6280559"   "6284342").PN.   | USPAT                                       | OR | OFF | 2004/08/04 10:39 |



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| S23 | 7     | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.) and (seal\$6) with (silicon adj (oxide nitride) "SiO" "SiN" polyimide polyacryl) adj6 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) and dot | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 10:43 |
| S24 | 27137 | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 10:44 |
| S25 | 2     | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and tap adj bonding   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 10:49 |
| S26 | 2     | "6624572".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 10:57 |
| S27 | 1     | 2002-326808.NRAN.   | DERWENT                                     | OR | OFF | 2004/08/04 10:49 |
| S28 | 2     | ("6111357"   "6137220").PN.   | USPAT                                       | OR | OFF | 2004/08/04 10:50 |
| S29 | 3     | "20040036411".did.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 10:57 |
| S30 | 1     | "20040036411".did.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/04 15:11 |
| S31 | 1     | "20040036411".did. and only   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/04 11:00 |
| S32 | 1     | "20040036411".did. and uneven   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/04 11:04 |

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| S33 | 9  | (( ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and seal\$6 near5 (round dot triangle quadrangle square rectangel polygonal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/08/04 11:11 |
| S34 | 9  | (( ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and (seal\$6 bond) near5 (round dot triangle quadrangle square rectangel polygonal)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/08/04 11:11 |
| S35 | 71 | (( ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and (seal\$6 bond) near5 (shapes round dot triangle quadrangle square rectangel polygonal) not ((( ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and seal\$6 near5 (round dot triangle quadrangle square rectangel polygonal)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/08/04 11:50 |
| S36 | 69 | (( ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and (seal\$6 bond) near5 (shapes round dot triangle quadrangle square rectangel polygonal) not ((( ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and seal\$6 near5 (pattern\$6))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/08/04 11:51 |

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| S37 | 69 | ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and (seal\$6 bond) near5 (shapes round dot triangle quadrangle square rectangel polygonal) not ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and seal\$6 near5 (pattern\$6))                                 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/08/04 11:52 |
| S38 | 0  | ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and (seal\$6 bond) near5 (shapes round dot triangle quadrangle square rectangel polygonal) not ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and seal\$6 near5 (pattern\$6))) and seal\$6 near5 (pattern\$6) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/08/04 11:52 |
| S39 | 0  | ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and (seal\$6 bond) near5 (shapes round dot triangle quadrangle square rectangel polygonal) not ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.)) and seal\$6 near5 (pattern\$6))) and seal\$6 near5 (pattern\$6) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/08/04 11:54 |



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| S40 | 13836 | ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.                                   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 11:53 |
| S41 | 27137 | ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:17 |
| S42 | 88    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and seal\$6 near5 (pattern\$6) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 11:54 |
| S43 | 1     | "20040036411".did.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 15:34 |
| S44 | 1     | "20040036411".did. and only with shield adj cover  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 15:12 |
| S45 | 1     | "20040036411".did.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 15:35 |
| S46 | 0     | "20040036411".did. and ceramic adj thin adj film   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 15:35 |
| S47 | 2     | "6635989".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 15:36 |
| S48 | 1     | "6635989".pn.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 15:36 |
| S49 | 1     | "6635989".pn. and ceramic adj thin adj film  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON | 2004/08/04 15:53 |

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|-----|----|---|---|----|-----|------------------|
| S50 | 1  | "4599538".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/08/04 15:54 |
| S51 | 1  | "4599538".pn. and back adj glass  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/08/04 15:55 |
| S52 | 1  | "4599538".pn. and (back adj glass<br>silicon adj nitride adj layer "60"<br>"70")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/08/04 15:55 |
| S53 | 1  | "5814935".pn.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2004/08/04 16:26 |
| S54 | 1  | "5814935".pn. and ("13" and "6")  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/08/04 16:28 |
| S55 | 1  | "5814935".pn. and ("5" and "9a")  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/08/04 16:35 |
| S56 | 2  | "20020146533".did.  | US-PGPUB;<br>USPAT;<br>DERWENT              | OR | ON  | 2004/08/04 16:36 |
| S57 | 1  | 2003-091663.NRAN.   | DERWENT                                     | OR | OFF | 2004/08/04 16:36 |
| S58 | 2  | "6081071".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT              | OR | ON  | 2004/08/04 16:49 |
| S59 | 4  | ("4829213"   "4839557"  <br>"5239228"   "5322161").PN.  | USPAT                                       | OR | OFF | 2004/08/04 16:37 |
| S60 | 11 | "5239228".URPN.   | USPAT                                       | OR | OFF | 2004/08/04 16:38 |
| S61 | 12 | "6111357".URPN.   | USPAT                                       | OR | OFF | 2004/08/04 16:38 |
| S62 | 9  | ("4493531"   "5378519"  <br>"5684365"   "5898276"  <br>"6091382"   "6111357"  <br>"6140765"   "6359606"  <br>"6531815").PN. | USPAT                                       | OR | OFF | 2004/08/04 16:41 |
| S63 | 8  | ("4493531"   "5378519"  <br>"5684365"   "5898276"  <br>"6091382"   "6111357"  <br>"6140765"   "6359606").PN.                | USPAT                                       | OR | OFF | 2004/08/04 16:46 |
| S64 | 12 | "6111357".URPN.   | USPAT                                       | OR | OFF | 2004/08/04 16:46 |
| S65 | 3  | "6531815".URPN.   | USPAT                                       | OR | OFF | 2004/08/04 16:47 |
| S66 | 2  | "6081071".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT              | OR | ON  | 2004/08/04 16:49 |
| S67 | 1  | "6081071".pn. and (layer\$5<br>coat\$5 film lamina\$5)  | US-PGPUB;<br>USPAT;<br>DERWENT              | OR | ON  | 2004/08/04 17:14 |

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S68 | 1     | "6081071".pn. and (pattern\$6)   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/08/04 17:14 |
| S69 | 27137 | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:33 |
| S70 | 87    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and pattern\$5 near5 (epoxy adhesive)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:18 |
| S71 | 87    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and pattern\$5 near5 (epoxy adhesive)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:21 |
| S72 | 15    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and beads near5 (epoxy adhesive)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:22 |
| S73 | 8     | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and dots near5 (epoxy adhesive)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:23 |
| S74 | 56    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (resin epoxy adhesive) near2 shap\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:26 |
| S75 | 47    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (resin epoxy adhesive) near2 bead    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/08/04 17:26 |

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S76 | 40    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (resin epoxy adhesive bond\$5) near2 bead and (seal\$5)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:27 |
| S77 | 40    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (resin epoxy adhesive bond\$5) near2 bead and (seal\$5)) and (resin epoxy adhesive bond\$5) near2 bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:27 |
| S78 | 27137 | ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:34 |
| S79 | 320   | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) with (circ\$7 round triangle quadrangle square rectangle polygonal)                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:35 |
| S80 | 89    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) adj6 (circ\$7 round triangle quadrangle square rectangle polygonal)                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:36 |
| S81 | 90    | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) adj6 (dot circ\$7 round triangle quadrangle square rectangle polygonal)                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/04 17:37 |

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S82 | 19 | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) adj6 (dot circle circular round triangle quadrangle square rectangle polygonal)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 17:53 |
| S83 | 2  | "6758713".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 17:44 |
| S84 | 1  | 2003-200780.NRAN.   | DERWENT                                     | OR | OFF | 2004/08/04 17:44 |
| S85 | 1  | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) adj6 (dot circle circular round triangle quadrangle square rectangle polygonal oscil\$9) not ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) adj6 (dot circle circular round triangle quadrangle square rectangle polygonal))    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 17:54 |
| S86 | 10 | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (adhesiv\$6) adj6 (dot circle circular round triangle quadrangle square rectangle polygonal oscil\$9) not ((( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (seal\$6) adj6 (dot circle circular round triangle quadrangle square rectangle polygonal)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 18:00 |



|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S87 | 0   | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm. ) and (adhesiv\$6 seal\$5) adj6 (dab\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 18:02 |
| S88 | 1   | "6081071".pn. and pattern\$5   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 21:48 |
| S89 | 1   | "6081071".pn. and (electrode wir\$5)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 21:51 |
| S90 | 1   | "6081071".pn. and (electrode wir\$5 pad)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 21:54 |
| S91 | 1   | "6081071".pn. and (electrode wir\$5 pad lead\$5)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 21:57 |
| S92 | 2   | "6111357".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/08/04 21:57 |
| S93 | 1   | "6111357".pn.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/04 22:02 |
| S94 | 51  | (chang near2 nam near2 kim jong near2 geon near2 yoon).in.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/05 11:17 |
| S95 | 4   | ((chang near2 nam near2 kim jong near2 geon near2 yoon).in.) and tap   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | ON  | 2004/08/04 22:02 |
| S96 | 1   | "6137220".pn.  | US-PGPUB; USPAT                             | OR | OFF | 2004/08/04 22:23 |
| S97 | 352 | (445/25).CCLS.   | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2004/08/04 22:52 |

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| S98  | 13836 | ( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2004/08/04 23:05 |
| S99  | 2411  | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.) and (seal\$6)   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2004/08/04 23:06 |
| S100 | 392   | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.) and (seal\$6) adj5 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) and (UV ultraviolet ultra adj violet) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2004/08/04 23:08 |
| S101 | 379   | (( BOLED OLED OEL TOLED SOLED FOLED organic near3 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD ).ab,ti,clm.) and (seal\$6) adj5 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) and (UV ultraviolet ultra adj violet) | US-PGPUB; USPAT                    | OR | ON  | 2004/08/05 09:59 |
| S102 | 2     | ("5294870"   "5693956").PN.  | USPAT                              | OR | OFF | 2004/08/04 23:11 |
| S103 | 35    | "5909081".URPN.  | USPAT                              | OR | OFF | 2004/08/04 23:11 |
| S104 | 1     | "6049167".pn.  | US-PGPUB; USPAT                    | OR | OFF | 2004/08/05 10:26 |
| S105 | 1     | "6049167".pn. and d30  | US-PGPUB; USPAT                    | OR | OFF | 2004/08/05 10:27 |
| S106 | 1     | "6049167".pn. and (d30 adhes\$6)   | US-PGPUB; USPAT                    | OR | OFF | 2004/08/05 10:28 |
| S107 | 1     | "6049167".pn. and (d30 adhes\$6 appl\$9)   | US-PGPUB; USPAT                    | OR | OFF | 2004/08/05 10:33 |
| S108 | 1     | "6049167".pn. and (d30 adhes\$6 appl\$9) with spacer   | US-PGPUB; USPAT                    | OR | OFF | 2004/08/05 10:34 |
| S109 | 51    | (chang near2 nam near2 kim jong near2 geon near2 yoon).in.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2004/08/05 11:31 |

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S11<br>0 | 2    | ("6111357"   "6137220").PN.  | USPAT   | OR | OFF | 2004/08/05 11:21 |
| S11<br>1 | 353  | (445/25).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/08/05 11:31 |
| S11<br>2 | 170  | (445/44).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/08/05 11:32 |
| S11<br>3 | 696  | (313/25).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/08/05 11:32 |
| S11<br>4 | 1436 | (445/24).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/08/05 12:31 |
| S11<br>5 | 765  | ((445/24).CCLS.) and (seal\$6)   | US-PGPUB;<br>USPAT  | OR | OFF | 2004/08/05 12:35 |
| S11<br>6 | 190  | (445/23).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/08/05 12:35 |
| S11<br>7 | 353  | (445/25).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/08/05 12:36 |
| S11<br>8 | 682  | ((445/24).CCLS.) and (seal\$6))<br>not ((445/25).CCLS.)  | US-PGPUB;<br>USPAT  | OR | OFF | 2004/08/05 12:36 |
| S11<br>9 | 351  | ((445/24).CCLS.) and (seal\$6))<br>and organic not ((445/25).CCLS.)                                    | US-PGPUB;<br>USPAT  | OR | OFF | 2004/08/05 12:39 |
| S12<br>0 | 180  | ((445/24).CCLS.) and (seal\$6))<br>and organic not ((445/25).CCLS.)<br>not field adj emi\$9            | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 19:44 |
| S12<br>1 | 65   | ((445/24).CCLS.) and (seal\$6))<br>and organic not ((445/25).CCLS.)<br>not field adj emi\$9 not plasma | US-PGPUB;<br>USPAT  | OR | OFF | 2004/08/05 12:39 |
| S12<br>3 | 1    | "20040036411".did.   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 19:40 |
| S12<br>4 | 1    | S123 and tap adj bond\$5   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 19:40 |
| S12<br>5 | 3452 | ((445/24,25,44) or (313/512)).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/12 21:05 |
| S12<br>6 | 1    | S125 and tap adj bond\$5   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 19:47 |

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|----------|------|---|---|----|-----|------------------|
| S12<br>7 | 2    | ( BOLED OLED OEL TOLED SOLED<br>FOLED PLED (polymer organic)<br>near2 (EL adj (apparatus device)<br>light lamp luminaire<br>electroluminesc\$9 electro adj<br>luminesc\$9 EL ELD) OELD OED<br>LESD).ab,ti,clm. and tap adj<br>bond\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/12 19:48 |
| S12<br>8 | 33   | tap adj bond\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/12 20:17 |
| S12<br>9 | 1    | S123 and buffer adj layer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/12 20:18 |
| S13<br>0 | 1    | "6624572".pn.   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 20:37 |
| S13<br>1 | 2    | ("6111357"   "6137220").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/03/12 20:37 |
| S13<br>2 | 2104 | ((445/24,25,44) or (313/512)).<br>CCLS.   | USPAT   | OR | OFF | 2005/03/14 10:54 |
| S13<br>3 | 2    | ("6111357" "6137220").pn.   | US-PGPUB;<br>USPAT  | OR | ON  | 2005/03/12 21:26 |
| S13<br>4 | 411  | (445/25).CCLS.  | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 21:42 |
| S13<br>6 | 257  | guharay.xa.   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/03/12 21:43 |